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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Re Patent Application of

James T. Kadonaga et al.

Application No.: 10/516,982

Filing Date: June 21, 2005

Title: METHODS FOR PROMOTING  
HOMOLOGOUS RECOMBINATION

MAIL STOP: IDS

Group Art Unit: Unknown

Examiner: Unknown

Confirmation No.: 1391

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By: *Kim A. Cabello*

Kim A. Cabello

INFORMATION DISCLOSURE STATEMENT  
TRANSMITTAL LETTER

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Enclosed is a First Information Disclosure Statement (IDS) and accompanying form PTO-1449 for the above-identified patent application.

- ☒ No additional fee for submission of an IDS is required.
- ☐ The fee of 180 as set forth in 37 C.F.R. § 1.17(p) is also enclosed.
- ☐ A statement under 37 C.F.R. § 1.97(e) is also enclosed.
- ☐ A statement under 37 C.F.R. § 1.97(e), and the fee of 180 as set forth in 37 C.F.R. § 1.17(p) are also enclosed.
- ☐ Charge \_\_\_\_\_ to Deposit Account No. 02-4800 for the fee due.
- ☐ A check in the amount of \_\_\_\_\_ is enclosed for the fee due.
- ☐ Charge \_\_\_\_\_ to credit card for the fee due. Form PTO-2038 is attached.
- ☒ The Director is hereby authorized to charge any appropriate fees under 37 C.F.R. §§ 1.16, 1.17 and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.

Date: July 7, 2006

Respectfully submitted,

P.O. Box 1404  
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BUCHANAN INGERSOLL & ROONEY PC

By: *Susan B. Fuller*

Susan B. Fuller  
Registration No. 51979



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of

James T. Kadonaga et al.

Application No.: 10/516,982

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For: **METHODS FOR PROMOTING  
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**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure as set forth in 37 C.F.R. § 1.56, the accompanying information is being submitted in accordance with 37 C.F.R. §§ 1.97 and 1.98.

Pursuant to 37 C.F.R. § 1.98, a copy of each of the documents cited is enclosed. However, copies of the listed U.S. patents and U.S. patent application publications are not enclosed since it is no longer required according to the July 11, 2003 waiver of the requirement for copies of cited U.S. patents and U.S. patent application publications in national patent applications filed after June 30, 2003 and international applications entering the national stage under 35 U.S.C. § 371 after June 30, 2003.

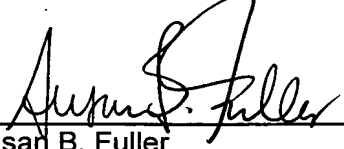
The documents are being submitted within three (3) months of the filing or entry of the national stage of this application or before the first Office Action on the merits, whichever is later. Since these documents are being filed within the time period set forth in 37 C.F.R. § 1.97(b), no fee or statement is required.

To assist the Examiner, the documents are listed on the attached form PTO-1449. It is respectfully requested that an Examiner initialed copy of this form be returned to the undersigned.

Respectfully submitted,

BUCHANAN INGERSOLL AND ROONEY LLP

Date: July 7, 2006

By:   
Susan B. Fuller  
Registration No. 51,979

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# **FIRST INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet

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of

5

**Complete if Known**

Application Number	10/516,982
Filing Date	June 21, 2005
First Named Inventor	James T. Kadonaga et al.
Examiner Name	
Attorney Docket Number	1034123-000150

**U.S. PATENT DOCUMENTS**

Examiner Initials	Document Number	Kind Code (if known)	Name of Patentee or Applicant of Cited Document	Issue/Publication Date (MM-DD-YYYY)
	4,873,191			
	4,970,154			
	5,098,843			
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	5,948,653			
	5,989,879			
	6,074,853			
	09/654,108			

**FOREIGN PATENT DOCUMENTS**

Examiner Initials	Document Number	Kind Code (if known)	Country	Date of Publication (MM-DD-YYYY)	STATUS						
					Translation	Partial Translation	Eng. Lang. Summary	Search Report	IPER	Abstract	Cited in Spec
	WO 91/06309										
	WO 93/24640										
	WO 99/37755										
	WO 99/60108										
	WO 00/56872										
	WO 00/63365										

**NON-PATENT LITERATURE DOCUMENTS**

Examiner Initials	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
	Almer et al. (1986). "Removal of positioned nucleosomes from the yeast <i>PHO5</i> promoter upon <i>PHO5</i> induction releases additional upstream activating DNA elements," <i>EMBO J.</i> 5:2689-2696.
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	Benson et al. (1998). "Synergistic actions of Rad51 and Rad52 in recombination and DNA repair," <i>Nature</i> 391:401-404.

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

Substitute for form 1449A/PTO & 1449B/PTO				<b>Complete if Known</b>	
<b>FIRST INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)				Application Number	10/516,982
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CA 103928.1

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Sheet 4 of 5

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	McMahon and Bradley (1990). "The Wnt-1 (int-1) proto-oncogene is required for development of a large region of the mouse brain," <i>Cell</i> 62: 1073-1085.
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